

**ORANGE COUNTY SANITATION DISTRICT  
PLANT #1**

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 21, 1998

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1997 ANNUAL

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
01/04/98	OC1	395.8	17.92	70.9	BG3
01/05/97	OC1	471.0	20.43	96.2	BG13
01/12/97	OC1	211.1	20.43	43.1	BG13
01/12/97	OC1	603.5	20.43	123.3	BG17
01/12/97	OC1	25.8	20.43	5.3	BG24
01/19/97	OC1	237.0	20.43	48.4	BG20
01/19/97	OC1	549.4	20.43	112.2	BG23
01/26/97	OC1	551.6	20.43	112.7	BG20
01/26/97	OC1	393.5	20.43	80.4	BG23
02/02/97	OC1	290.0	20.43	59.2	BG22
02/02/97	OC1	552.4	20.43	112.9	BG23
02/09/97	OC1	419.7	20.89	87.7	BG22
02/09/97	OC1	183.4	20.89	38.3	BG24
02/09/97	OC1	184.8	20.89	38.6	BG7
02/16/97	OC1	895.6	20.89	187.1	BG7
02/23/97	OC1	549.2	20.89	114.7	BG18
02/23/97	OC1	236.4	20.89	49.4	BG20
03/02/97	OC1	787.9	20.89	164.6	BG4
03/09/97	OC1	421.3	21.05	88.7	BG5
03/16/97	OC1	105.5	21.05	22.2	BG5
03/16/97	OC1	315.4	21.05	66.4	BG6
03/23/97	OC1	316.6	21.05	66.6	BG2
03/23/97	OC1	106.1	21.05	22.3	BG6
03/30/97	OC1	395.6	21.05	83.3	BG18
03/30/97	OC1	105.0	21.05	22.1	BG2
04/06/97	OC1	394.6	20.71	81.7	AR1C
04/13/97	OC1	316.9	20.71	65.6	AR1C
04/20/97	OC1	423.0	20.71	87.6	AR1C
04/27/97	OC1	237.8	20.71	49.2	AR4
04/27/97	OC1	184.2	20.71	38.1	AR9
05/04/97	OC1	553.9	20.71	114.7	AR4
05/11/97	OC1	315.7	20.76	65.5	AR4

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1997 ANNUAL

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
05/11/97	OC1	314.5	20.76	65.3	BG10N
05/11/97	OC1	1102.8	20.76	228.9	HM7
05/11/97	OC1	312.2	20.76	64.8	RJG1
05/11/97	OC1	131.0	20.76	27.2	RJG3
05/11/97	OC1	182.8	20.76	37.9	RJG4
06/08/97	OC1	709.8	20.12	142.8	AR4
06/08/97	OC1	366.0	20.12	73.6	BG10N
06/08/97	OC1	419.3	20.12	84.4	BG19
07/06/97	OC1	367.5	19.98	73.4	AR4
07/06/97	OC1	26.4	19.98	5.3	BG1
07/13/97	OC1	392.9	19.98	78.5	BG1
07/20/97	OC1	524.0	19.98	104.7	BG1
07/27/97	OC1	603.6	19.98	120.6	BG6
08/03/97	OC1	25.7	19.98	5.1	BG1
08/03/97	OC1	131.9	19.98	26.4	BG2
08/03/97	OC1	421.3	19.98	84.2	BG6
08/10/97	OC1	130.9	20.01	26.2	AR5
08/10/97	OC1	367.2	20.01	73.5	BG2
08/10/97	OC1	26.4	20.01	5.3	RJF1
08/17/97	OC1	420.4	20.01	84.1	AR5
08/24/97	OC1	421.1	20.01	84.3	AR5
08/31/97	OC1	211.3	20.01	42.3	AR5
08/31/97	OC1	210.2	20.01	42.1	JO13
09/07/97	OC1	422.0	19.32	81.5	JO13
09/14/97	OC1	422.0	19.32	81.5	JO13
09/21/97	OC1	503.4	19.32	97.3	JO13
09/28/97	OC1	158.8	19.32	30.7	GD8
10/05/97	OC1	198.3	19.48	38.6	GD8
10/05/97	OC1	198.3	19.48	38.6	GD9
10/19/97	OC1	264.4	19.48	51.5	GD8
10/19/97	OC1	264.4	19.48	51.5	GD9
10/26/97	OC1	79.3	19.48	15.4	GD8
10/26/97	OC1	79.3	19.48	15.4	GD9

PAGE:

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APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1997 ANNUAL

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
10/26/97	OC1	155.3	19.48	30.3	HM6
10/26/97	OC1	52.6	19.48	10.2	RAG2
11/02/97	OC1	422.7	19.48	82.3	HM6
11/16/97	OC1	340.6	19.48	66.3	HM10
11/23/97	OC1	317.3	19.48	61.8	BG4
11/23/97	OC1	423.0	19.48	82.4	HM10
11/30/97	OC1	369.4	19.48	72.0	BG4
12/14/97	OC1	422.0	17.92	75.6	BG5
12/21/97	OC1	210.9	17.92	37.8	BG2
12/21/97	OC1	105.2	17.92	18.9	BG3
12/21/97	OC1	105.5	17.92	18.9	BG5
12/28/97	OC1	316.6	17.92	56.7	BG3
<hr/>					
TOTALS		25,380.2		5115.1	



## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

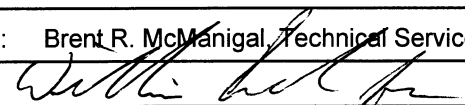
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	11	01		97	11	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	48.9	39	Monthly	Composite	EPA 6010
Chromium	160	1200	Monthly	Composite	EPA 6010
Copper	1550	1500	Monthly	Composite	EPA 6010
Lead	101	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 7471
Molybdenum	34	N/A	Monthly	Composite	EPA 6010
Nickel	246	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1550	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 1-28-98

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

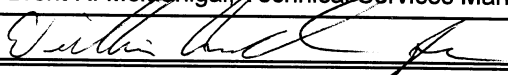
NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County # 1				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	12	01		97	12	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	4.99	41	Monthly	Composite	EPA 6010
Cadmium	12	39	Monthly	Composite	EPA 6010
Chromium	111	1200	Monthly	Composite	EPA 6010
Copper	765	1500	Monthly	Composite	EPA 6010
Lead	86	300	Monthly	Composite	EPA 6010
Mercury	3.16	17	Monthly	Composite	EPA 7471
Molybdenum	25	N/A	Monthly	Composite	EPA 6010
Nickel	129	420	Monthly	Composite	EPA 6010
Selenium	6.6	36	Monthly	Composite	EPA 6010
Zinc	801	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 1-29-98

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County # 1				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day		Year	Month	Day
97	01	01	TO	97	01	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	31	39	Monthly	Composite	EPA 6010
Chromium	160	1200	Monthly	Composite	EPA 6010
Copper	922	1500	Monthly	Composite	EPA 6010
Lead	95	300	Monthly	Composite	EPA 6010
Mercury	.970	17	Monthly	Composite	EPA 7471
Molybdenum	24	N/A	Monthly	Composite	EPA 6010
Nickel	243	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1260	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: <i>B.R. McManigal</i>	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	02	01		97	02	28

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	29.2	39	Monthly	Composite	EPA 6010
Chromium	154	1200	Monthly	Composite	EPA 6010
Copper	1040	1500	Monthly	Composite	EPA 6010
Lead	81.4	300	Monthly	Composite	EPA 6010
Mercury	0.59	17	Monthly	Composite	EPA 7471
Molybdenum	21.1	N/A	Monthly	Composite	EPA 6010
Nickel	197	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1240	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: <i>Brent R. McManigal</i>	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

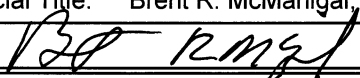
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	03	01		97	03	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	30.2	39	Monthly	Composite	EPA 6010
Chromium	153	1200	Monthly	Composite	EPA 6010
Copper	1140	1500	Monthly	Composite	EPA 6010
Lead	79.9	300	Monthly	Composite	EPA 6010
Mercury	0.6	17	Monthly	Composite	EPA 7471
Molybdenum	21.8	N/A	Monthly	Composite	EPA 6010
Nickel	206	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1230	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

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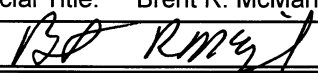
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	04	01		97	04	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	22.6	39	Monthly	Composite	EPA 6010
Chromium	123	1200	Monthly	Composite	EPA 6010
Copper	898	1500	Monthly	Composite	EPA 6010
Lead	66.3	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 7471
Molybdenum	30.7	N/A	Monthly	Composite	EPA 6010
Nickel	128	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1220	2800	Monthly	Composite	EPA 6010

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Signature: 	Date Signed: 12/26/97

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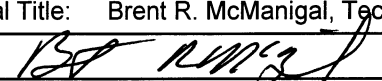
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Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	05	01		97	05	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	11.9	39	Monthly	Composite	EPA 6010
Chromium	71	1200	Monthly	Composite	EPA 6010
Copper	453	1500	Monthly	Composite	EPA 6010
Lead	36.3	300	Monthly	Composite	EPA 6010
Mercury	.280	17	Monthly	Composite	EPA 7471
Molybdenum	19.8	N/A	Monthly	Composite	EPA 6010
Nickel	105	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	856	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

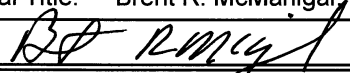
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	06	01		97	06	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	34.3	39	Monthly	Composite	EPA 6010
Chromium	130	1200	Monthly	Composite	EPA 6010
Copper	914	1500	Monthly	Composite	EPA 6010
Lead	76.4	300	Monthly	Composite	EPA 6010
Mercury	1.29	17	Monthly	Composite	EPA 7471
Molybdenum	34.7	N/A	Monthly	Composite	EPA 6010
Nickel	219	420	Monthly	Composite	EPA 6010
Selenium	10.2	36	Monthly	Composite	EPA 6010
Zinc	1080	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97



## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	07	01		97	07	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	26.8	39	Monthly	Composite	EPA 6010
Chromium	150	1200	Monthly	Composite	EPA 6010
Copper	1290	1500	Monthly	Composite	EPA 6010
Lead	102	300	Monthly	Composite	EPA 6010
Mercury	0.94	17	Monthly	Composite	EPA 7471
Molybdenum	37.3	N/A	Monthly	Composite	EPA 6010
Nickel	222	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1110	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

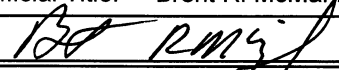
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	08	01		97	08	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	22.1	39	Monthly	Composite	EPA 6010
Chromium	139	1200	Monthly	Composite	EPA 6010
Copper	1240	1500	Monthly	Composite	EPA 6010
Lead	92.2	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 7471
Molybdenum	33	N/A	Monthly	Composite	EPA 6010
Nickel	177	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1110	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	09	01		97	09	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	34.7	39	Monthly	Composite	EPA 6010
Chromium	110	1200	Monthly	Composite	EPA 6010
Copper	953	1500	Monthly	Composite	EPA 6010
Lead	88.9	300	Monthly	Composite	EPA 6010
Mercury	0.45	17	Monthly	Composite	EPA 7471
Molybdenum	26.3	N/A	Monthly	Composite	EPA 6010
Nickel	173	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1150	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

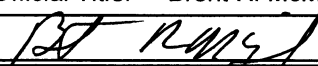
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County # 1	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	10	01		97	10	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	48.9	39	Monthly	Composite	EPA 6010
Chromium	160	1200	Monthly	Composite	EPA 6010
Copper	1550	1500	Monthly	Composite	EPA 6010
Lead	101	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 7471
Molybdenum	34	N/A	Monthly	Composite	EPA 6010
Nickel	246	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1550	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

# NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-97OC-1

This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.

Facility and Biosolids Type: Reclamation Plant #1, Fountain Valley, CA -- EO Class B

Monitoring Period: 01/01/97 To 01/31/97

### To Be Completed by PREPARERS OF BIOSOLIDS

A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	4.37	41 mg/kg	75 mg/kg
Cadmium	22.8	39 mg/kg	85 mg/kg
Copper	1069.8	1500 mg/kg	4300 mg/kg
Lead	72.1	300 mg/kg	840 mg/kg
Mercury	0.9	17 mg/kg	57 mg/kg
Molybdenum	19.1	N/A**	75 mg/kg
Nickel	193.0	420 mg/kg	420 mg/kg
Selenium <sup>†</sup>	7.21	100 mg/kg	100 mg/kg
Zinc	883.7	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.5	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\* EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>†</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

B. Pathogen Reduction (40 CFR 503.32) – Please indicate level achieved.

Class A \_\_\_\_\_ Class B X

C. Vector Attraction Reduction (40 CFR 503.33) – Please indicate the option performed.


Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

### D. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature 	D. Date Signed 3/7/97

# **NOTICE AND NECESSARY INFORMATION (NANI) CERTIFICATION # 01-97OC-1**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land applicators and also by land applicators to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Reclamation Plant #1, Fountain Valley, CA -- EQ Class B

**Monitoring Period:** 02/01/97 To 02/28/97

## **To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	3.2	41 mg/kg	75 mg/kg
Cadmium	19.1	39 mg/kg	85 mg/kg
Copper	876.4	1500 mg/kg	4300 mg/kg
Lead	70.4	300 mg/kg	840 mg/kg
Mercury	2.6	17 mg/kg	57 mg/kg
Molybdenum	14.6	N/A**	75 mg/kg
Nickel	158.1	420 mg/kg	420 mg/kg
Selenium <sup>†</sup>	6.1	100 mg/kg	100 mg/kg
Zinc	705.7	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.3	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>†</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) – Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) – Please indicate the option performed.**

Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature <u>Michael D. Moore</u>	D. Date Signed <u>5/13/97</u>

## NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-97OC-1

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

Facility and Biosolids Type: Reclamation Plant #1, Fountain Valley, CA -- EO Class B

Monitoring Period: 03/01/97 To 03/31/97

**To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	2.65	41 mg/kg	75 mg/kg
Cadmium	23.7	39 mg/kg	85 mg/kg
Copper	1186.1	1500 mg/kg	4300 mg/kg
Lead	80.2	300 mg/kg	840 mg/kg
Mercury	2.2	17 mg/kg	57 mg/kg
Molybdenum	20	N/A**	75 mg/kg
Nickel	181.4	420 mg/kg	420 mg/kg
Selenium <sup>†</sup>	7.8	100 mg/kg	100 mg/kg
Zinc	907	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.5	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>†</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) – Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) – Please indicate the option performed.**

Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature <u>Michael D. Moore</u>	D. Date Signed <u>4/11/97</u>

## NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-97OC-1

This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land applicators and also by land applicators to transmit information to land owners or lease holders.

Facility and Biosolids Type: Reclamation Plant #1, Fountain Valley, CA -- EQ Class B

Monitoring Period: 04/01/97 To 04/30/97

## To Be Completed by PREPARERS OF BIOSOLIDS

## A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	3.9	41 mg/kg	75 mg/kg
Cadmium	20.0	39 mg/kg	85 mg/kg
Copper	1047.6	1500 mg/kg	4300 mg/kg
Lead	65.2	300 mg/kg	840 mg/kg
Mercury	2.1	17 mg/kg	57 mg/kg
Molybdenum	19.1	N/A**	75 mg/kg
Nickel	152.4	420 mg/kg	420 mg/kg
Selenium <sup>†</sup>	6.7	100 mg/kg	100 mg/kg
Zinc	761.9	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.0	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\* EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>†</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

## B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.

Class A \_\_\_\_\_ Class B X

## C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.

Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

## D. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature <u>Michael D. Moore</u>	D. Date Signed <u>6/4/97</u>



# **NOTICE AND NECESSARY INFORMATION (NANI) CERTIFICATION # 01-97OC-1**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Reclamation Plant #1, Fountain Valley, CA -- EQ Class B

**Monitoring Period:** 05/01/97 To 05/30/97

## **To Be Completed by PREPARERS OF BIOSOLIDS**

### **A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	3.5	41 mg/kg	75 mg/kg
Cadmium	19.2	39 mg/kg	85 mg/kg
Copper	952.9	1500 mg/kg	4300 mg/kg
Lead	72.9	300 mg/kg	840 mg/kg
Mercury	2.4	17 mg/kg	57 mg/kg
Molybdenum	23.5	N/A**	75 mg/kg
Nickel	147.1	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	4.8	100 mg/kg	100 mg/kg
Zinc	870.6	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.25	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

### **B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

### **C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.**


Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

### **D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature 	D. Date Signed 7/21/97

## NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-97OC-2

This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.

Facility and Biosolids Type: Wastewater Treatment Plant #2 Huntington Beach, CA -- EQ Class B

Monitoring Period: 06/01/97 To 06/30/97

**To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.15) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.15)
Arsenic	3.8	41 mg/kg	75 mg/kg
Cadmium	13.0	39 mg/kg	85 mg/kg
Copper	730.3	1500 mg/kg	4300 mg/kg
Lead	58.4	300 mg/kg	840 mg/kg
Mercury	2.3	17 mg/kg	57 mg/kg
Molybdenum	32.8	N/A**	75 mg/kg
Nickel	116.9	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	6.0	100 mg/kg	100 mg/kg
Zinc	887.6	2800 mg/kg	7500 mg/kg
Average Percent Solids	22.25	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.53) -- Please indicate the option performed.**

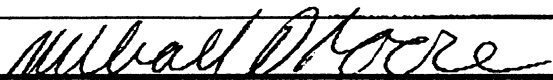
Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature 	D. Date Signed 8/21/97

# NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-970C-1

This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.

Facility and Biosolids Type: Reclamation Plant #1, Fountain Valley, CA -- EQ Class B

Monitoring Period: 07/01/97 To 07/31/97

### To Be Completed by PREPARERS OF BIOSOLIDS

A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	1.0	41 mg/kg	75 mg/kg
Cadmium	21.0	39 mg/kg	85 mg/kg
Copper	1011.4	1500 mg/kg	4300 mg/kg
Lead	78.2	300 mg/kg	840 mg/kg
Mercury	2.6	17 mg/kg	57 mg/kg
Molybdenum	26.7	N/A**	75 mg/kg
Nickel	180.9	420 mg/kg	420 mg/kg
Selenium <sup>†</sup>	13.5	100 mg/kg	100 mg/kg
Zinc	782.8	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.0	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\* EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>†</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.

Class A        Class B X

C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.

Option 1 X Option 2        Option 3        Option 4       

Option 5        Option 6        Option 7        Option 8       

No Vector attraction reductions were performed       

D. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)

B. Area Code and Telephone #: (714) 962-2411

C. Signature

Michael D. Moore

D. Date Signed

9/2/97

## NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-97OC-1

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

Facility and Biosolids Type: Reclamation Plant #1, Fountain Valley, CA -- EO Class B

Monitoring Period: 08/01/97 To 08/31/97

## To Be Completed by PREPARERS OF BIOSOLIDS

## A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	0.0	41 mg/kg	75 mg/kg
Cadmium	18.9	39 mg/kg	85 mg/kg
Copper	1111.0	1500 mg/kg	4300 mg/kg
Lead	87.7	300 mg/kg	840 mg/kg
Mercury	3.3	17 mg/kg	57 mg/kg
Molybdenum	30.3	N/A**	75 mg/kg
Nickel	156.8	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	7.2	100 mg/kg	100 mg/kg
Zinc	851.9	2800 mg/kg	7500 mg/kg
Average Percent Solids	20.3	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

## B. Pathogen Reduction (40 CFR 503.32) – Please indicate level achieved.

Class A \_\_\_\_\_ Class B X

## C. Vector Attraction Reduction (40 CFR 503.33) – Please indicate the option performed.

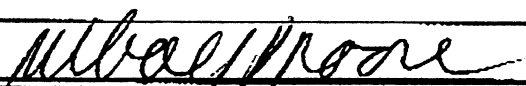
Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

## D. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature 	D. Date Signed 11/13/97

## NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-97OC-2

This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.

Facility and Biosolids Type: Wastewater Treatment Plant #2 Huntington Beach, CA — EO Class B

Monitoring Period: 09/01/97 To 09/30/97

**To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	0.5	41 mg/kg	75 mg/kg
Cadmium	9.4	39 mg/kg	85 mg/kg
Copper	735.0	1500 mg/kg	4300 mg/kg
Lead	50.4	300 mg/kg	840 mg/kg
Mercury	2.4	17 mg/kg	57 mg/kg
Molybdenum	25.7	N/A**	75 mg/kg
Nickel	110.2	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	2.4	100 mg/kg	100 mg/kg
Zinc	854.7	2800 mg/kg	7500 mg/kg
Average Percent Solids	23.4	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) — Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) — Please indicate the option performed.**


Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature 	D. Date Signed 11/18/97

**NOTICE AND NECESSARY INFORMATION (NANI)  
CERTIFICATION # 01-970C-1**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Reclamation Plant #1, Fountain Valley, CA -- EO Class B

**Monitoring Period:** 10/01/97 To 10/31/97

**To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	4.8	41 mg/kg	75 mg/kg
Cadmium	15.9	39 mg/kg	85 mg/kg
Copper	943.2	1500 mg/kg	4300 mg/kg
Lead	85.5	300 mg/kg	840 mg/kg
Mercury	2.3	17 mg/kg	57 mg/kg
Molybdenum	26.4	N/A**	75 mg/kg
Nickel	174.1	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	6.4	100 mg/kg	100 mg/kg
Zinc	806.8	2800 mg/kg	7500 mg/kg
Average Percent Solids	22.0	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.**

Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature <u>Michael D. Moore</u>	D. Date Signed <u>11/18/98</u>

## NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-97OC-2

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Wastewater Treatment Plant #2 Huntington Beach, CA -- EQ Class B

**Monitoring Period:** 11/01/97 To 11/30/97

**To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	6.5	41 mg/kg	75 mg/kg
Cadmium	7.8	39 mg/kg	85 mg/kg
Copper	724.1	1500 mg/kg	4300 mg/kg
Lead	51.7	300 mg/kg	840 mg/kg
Mercury	2.0	17 mg/kg	57 mg/kg
Molybdenum	22.1	N/A**	75 mg/kg
Nickel	120.9	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	4.1	100 mg/kg	100 mg/kg
Zinc	724.1	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.8	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) – Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.**


Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature 	D. Date Signed 1/24/98

**NOTICE AND NECESSARY INFORMATION (NANI)  
CERTIFICATION # 01-97OC-1**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Reclamation Plant #1, Fountain Valley, CA – EQ Class B

**Monitoring Period:** 12/01/97 To 12/31/97

**To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	6.0	41 mg/kg	75 mg/kg
Cadmium	18.0	39 mg/kg	85 mg/kg
Copper	950.0	1500 mg/kg	4300 mg/kg
Lead	82.0	300 mg/kg	840 mg/kg
Mercury	2.2	17 mg/kg	57 mg/kg
Molybdenum	31.0	N/A**	75 mg/kg
Nickel	169.0	420 mg/kg	420 mg/kg
Selenium <sup>†</sup>	6.0	100 mg/kg	100 mg/kg
Zinc	810.0	2800 mg/kg	7500 mg/kg
Average Percent Solids	20.0	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>†</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) – Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) – Please indicate the option performed.**

Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: <u>Michael D. Moore (ECM Manager)</u>	B. Area Code and Telephone #: <u>(714) 962-2411</u>
C. Signature <u>Michael D. Moore</u>	D. Date Signed <u>2/5/98</u>



**ORANGE COUNTY SANITATION DISTRICT  
PLANT #2**

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 21, 1998

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1997 ANNUAL

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
01/04/98	OC2	604.8	23.06	139.5	BG3
01/05/97	OC2	553.6	21.59	119.5	BG13
01/12/97	OC2	502.8	21.59	108.6	BG13
01/12/97	OC2	1406.5	21.59	303.7	BG17
01/19/97	OC2	197.3	21.59	42.6	BG20
01/19/97	OC2	1733.8	21.59	374.3	BG23
01/26/97	OC2	734.5	21.59	158.6	BG20
01/26/97	OC2	1052.6	21.59	227.3	BG23
02/02/97	OC2	477.6	21.59	103.1	BG22
02/02/97	OC2	1490.0	21.59	321.7	BG23
02/09/97	OC2	1008.9	21.42	216.1	BG22
02/09/97	OC2	929.6	21.42	199.1	BG24
02/09/97	OC2	26.9	21.42	5.8	BG7
02/16/97	OC2	1971.1	21.42	422.2	BG7
02/23/97	OC2	1012.9	21.42	217.0	BG18
02/23/97	OC2	958.6	21.42	205.3	BG20
03/02/97	OC2	1971.0	21.42	422.2	BG4
03/09/97	OC2	26.7	20.10	5.4	BG4
03/09/97	OC2	1413.7	20.10	284.2	BG5
03/16/97	OC2	854.8	20.10	171.8	BG5
03/16/97	OC2	693.6	20.10	139.4	BG6
03/23/97	OC2	771.8	20.10	155.1	BG2
03/23/97	OC2	26.5	20.10	5.3	BG5
03/23/97	OC2	320.6	20.10	64.4	BG6
03/23/97	OC2	453.3	20.10	91.1	PKA1
03/30/97	OC2	746.4	20.10	150.0	BG18
03/30/97	OC2	186.6	20.10	37.5	BG2
03/30/97	OC2	451.9	20.10	90.8	PKA1
04/06/97	OC2	773.0	20.46	158.2	AR1C
04/06/97	OC2	26.7	20.46	5.5	BG18
04/06/97	OC2	639.9	20.46	130.9	PKA1
04/13/97	OC2	879.5	20.46	179.9	AR1C
04/13/97	OC2	26.6	20.46	5.4	PKA1

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 21, 1998

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1997 ANNUAL

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
04/13/97	OC2	613.0	20.46	125.4	RJG5
04/20/97	OC2	906.4	20.46	185.4	AR1C
04/20/97	OC2	159.6	20.46	32.7	RJG1
04/20/97	OC2	479.9	20.46	98.2	RJG5
04/27/97	OC2	26.7	20.46	5.5	AR1C
04/27/97	OC2	318.6	20.46	65.2	AR4
04/27/97	OC2	479.0	20.46	98.0	AR9
04/27/97	OC2	637.3	20.46	130.4	RJG1
05/04/97	OC2	774.3	20.46	158.4	AR4
05/04/97	OC2	0.0	20.46	0.0	RJG6
05/11/97	OC2	534.6	22.15	118.4	AR4
05/11/97	OC2	533.0	22.15	118.1	BG10N
05/11/97	OC2	1547.6	22.15	342.8	HM7
05/11/97	OC2	1860.8	22.15	412.2	RJG1
05/11/97	OC2	822.8	22.15	182.3	RJG2
05/11/97	OC2	26.6	22.15	5.9	RJG3
05/11/97	OC2	293.3	22.15	65.0	RJG4
06/08/97	OC2	878.7	26.06	229.0	BG10N
06/08/97	OC2	636.7	26.06	165.9	RJG3
06/15/97	OC2	1086.3	26.06	283.1	BG19
06/15/97	OC2	478.6	26.06	124.7	RJW1
06/22/97	OC2	1009.8	26.06	263.2	AR4
06/22/97	OC2	478.0	26.06	124.6	RJW1
06/22/97	OC2	132.2	26.06	34.5	RJW2
06/29/97	OC2	1063.2	26.06	277.1	AR4
06/29/97	OC2	318.8	26.06	83.1	RJF1
06/29/97	OC2	293.5	26.06	76.5	RJW3
07/06/97	OC2	955.4	21.25	203.0	AR4
07/06/97	OC2	745.4	21.25	158.4	RJF1
07/13/97	OC2	955.6	21.25	203.1	BG1
07/13/97	OC2	713.6	21.25	151.6	RJF1
07/20/97	OC2	797.6	21.25	169.5	BG1
07/20/97	OC2	688.8	21.25	146.4	RJF1

PIMA GRO SYSTEMS, INC.  
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January 21, 1998

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1997 ANNUAL

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
07/27/97	OC2	744.0	21.25	158.1	BG6
07/27/97	OC2	717.6	21.25	152.5	RJF1
08/03/97	OC2	186.2	21.25	39.6	BG2
08/03/97	OC2	559.6	21.25	118.9	BG6
08/03/97	OC2	688.4	21.25	146.3	RJF1
08/10/97	OC2	185.3	22.75	42.2	AR5
08/10/97	OC2	914.3	22.75	208.0	BG2
08/10/97	OC2	444.5	22.75	101.1	RJF1
08/17/97	OC2	1168.1	22.75	265.7	AR5
08/17/97	OC2	447.7	22.75	101.9	RJF1
08/24/97	OC2	903.2	22.75	205.5	AR5
08/24/97	OC2	636.7	22.75	144.8	RJF1
08/31/97	OC2	452.2	22.75	102.9	AR5
08/31/97	OC2	424.7	22.75	96.6	JO13
08/31/97	OC2	661.4	22.75	150.5	RRS2
09/07/97	OC2	877.2	19.75	173.2	JO13
09/07/97	OC2	659.8	19.75	130.3	RRS2
09/14/97	OC2	877.6	19.75	173.3	JO13
09/14/97	OC2	498.4	19.75	98.4	RDR2
09/21/97	OC2	321.3	19.75	63.5	JO13
09/21/97	OC2	366.1	19.75	72.3	RDR1
09/21/97	OC2	238.3	19.75	47.1	RDR2
09/28/97	OC2	146.7	19.75	29.0	GD8
09/28/97	OC2	147.0	19.75	29.0	GD9
09/28/97	OC2	1262.7	19.75	249.4	RDR2
10/05/97	OC2	171.7	22.78	39.1	GD8
10/05/97	OC2	171.7	22.78	39.1	GD9
10/05/97	OC2	571.4	22.78	130.2	RDR1
10/05/97	OC2	646.6	22.78	147.3	RPR1
10/12/97	OC2	452.2	22.78	103.0	GD8
10/12/97	OC2	452.2	22.78	103.0	GD9
10/12/97	OC2	1289.1	22.78	293.7	RPR1
10/19/97	OC2	200.8	22.78	45.7	GD8

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 21, 1998

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1997 ANNUAL

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
10/19/97	OC2	200.8	22.78	45.7	GD9
10/19/97	OC2	1262.8	22.78	287.7	RPR1
10/26/97	OC2	133.7	22.78	30.5	GD8
10/26/97	OC2	133.7	22.78	30.5	GD9
10/26/97	OC2	239.3	22.78	54.5	HM6
10/26/97	OC2	1307.6	22.78	297.9	RAG2
10/26/97	OC2	79.2	22.78	18.0	RPR1
11/02/97	OC2	360.2	22.78	82.1	HM6
11/02/97	OC2	1367.1	22.78	311.4	RAG2
11/09/97	OC2	1398.0	22.78	318.5	RAG3
11/16/97	OC2	639.0	22.78	145.6	HM10
11/16/97	OC2	1388.4	22.78	316.3	RAG3
11/23/97	OC2	373.4	22.78	85.1	BG4
11/23/97	OC2	159.8	22.78	36.4	HM10
11/23/97	OC2	1419.0	22.78	323.2	RJB1
11/30/97	OC2	1553.2	22.78	353.8	BG4
12/14/97	OC2	1664.8	23.06	383.9	BG5
12/21/97	OC2	1294.4	23.06	298.5	BG2
12/21/97	OC2	634.4	23.06	146.3	BG5
12/21/97	OC2	159.8	23.06	36.8	RDD1
12/28/97	OC2	1814.8	23.06	418.5	BG3
TOTALS		82,274.3		17,737.6	

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County #2				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day		Year	Month	Day
97	01	01	TO	97	01	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	14.5	39	Monthly	Composite	EPA 6010
Chromium	98	1200	Monthly	Composite	EPA 6010
Copper	758	1500	Monthly	Composite	EPA 6010
Lead	77.1	300	Monthly	Composite	EPA 6010
Mercury	.92	17	Monthly	Composite	EPA 6010
Molybdenum	25	N/A	Monthly	Composite	EPA 7471
Nickel	103	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1120	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature:	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County #2				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

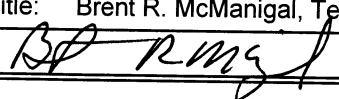
MONITORING PERIOD						
Year	Month	Day		Year	Month	Day
97	02	01	TO	97	02	28

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration (mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	13.8	39	Monthly	Composite	EPA 6010
Chromium	96.2	1200	Monthly	Composite	EPA 6010
Copper	712	1500	Monthly	Composite	EPA 6010
Lead	63	300	Monthly	Composite	EPA 6010
Mercury	3.17	17	Monthly	Composite	EPA 6010
Molybdenum	25	N/A	Monthly	Composite	EPA 7471
Nickel	93.5	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1080	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County #2				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	03	01		97	03	31

<b>NPDES PERMIT NUMBER</b>
Not Applicable

<b>SLUDGE PERMIT NUMBER</b>
Not Applicable at this time

Source:					
Metal	Metal Concentration (mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	23.3	39	Monthly	Composite	EPA 6010
Chromium	119	1200	Monthly	Composite	EPA 6010
Copper	803	1500	Monthly	Composite	EPA 6010
Lead	56.9	300	Monthly	Composite	EPA 6010
Mercury	.33	17	Monthly	Composite	EPA 6010
Molybdenum	27.8	N/A	Monthly	Composite	EPA 7471
Nickel	62	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1280	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: <i>B R McManigal</i>	Date Signed: 12/26/97



## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

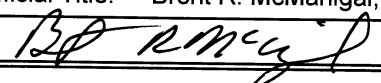
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County #2	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	04	01		97	04	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration (mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	21.4	39	Monthly	Composite	EPA 6010
Chromium	120	1200	Monthly	Composite	EPA 6010
Copper	895	1500	Monthly	Composite	EPA 6010
Lead	65.2	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 6010
Molybdenum	29.1	N/A	Monthly	Composite	EPA 7471
Nickel	125	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1210	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County #2	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	05	01		97	05	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration (mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	21.4	39	Monthly	Composite	EPA 6010
Chromium	120	1200	Monthly	Composite	EPA 6010
Copper	895	1500	Monthly	Composite	EPA 6010
Lead	65.2	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 7471
Molybdenum	29.1	N/A	Monthly	Composite	EPA 6010
Nickel	125	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1210	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature:	Date Signed:

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County #2				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	06	01		97	06	30

<b>NPDES PERMIT NUMBER</b>
Not Applicable

<b>SLUDGE PERMIT NUMBER</b>
Not Applicable at this time

Source:					
Metal	Metal Concentration (mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	34.6	39	Monthly	Composite	EPA 6010
Chromium	142	1200	Monthly	Composite	EPA 6010
Copper	938	1500	Monthly	Composite	EPA 6010
Lead	83.6	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 6010
Molybdenum	36.8	N/A	Monthly	Composite	EPA 6010
Nickel	237	420	Monthly	Composite	EPA 6010
Selenium	11.8	36	Monthly	Composite	EPA 6010
Zinc	1130	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager

Phone Number: (909) 798-8717

Signature: *B.R. McManigal*

Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County #2	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	07	01		97	07	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration (mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	13.3	39	Monthly	Composite	EPA 6010
Chromium	107	1200	Monthly	Composite	EPA 6010
Copper	936	1500	Monthly	Composite	EPA 6010
Lead	63.4	300	Monthly	Composite	EPA 6010
Mercury	0.61	17	Monthly	Composite	EPA 7471
Molybdenum	35.9	N/A	Monthly	Composite	EPA 6010
Nickel	133	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1160	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: <i>B.R. McManigal</i>	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County #2				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	08	01		97	08	31

<b>NPDES PERMIT NUMBER</b>
Not Applicable

<b>SLUDGE PERMIT NUMBER</b>
Not Applicable at this time

Source:					
Metal	Metal Concentration (mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	10.9	39	Monthly	Composite	EPA 6010
Chromium	99.1	1200	Monthly	Composite	EPA 6010
Copper	803	1500	Monthly	Composite	EPA 6010
Lead	57.8	300	Monthly	Composite	EPA 6010
Mercury	.25	17	Monthly	Composite	EPA 7471
Molybdenum	35.2	N/A	Monthly	Composite	EPA 6010
Nickel	119	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1100	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: <i>B R McManigal</i>	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

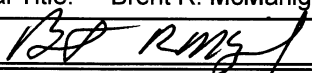
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: County Sanitation Districts of Orange County #2	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	09	01		97	09	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration (mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	23.1	39	Monthly	Composite	EPA 6010
Chromium	86.7	1200	Monthly	Composite	EPA 6010
Copper	768	1500	Monthly	Composite	EPA 6010
Lead	53.6	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 7471
Molybdenum	26	N/A	Monthly	Composite	EPA 6010
Nickel	119	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	1250	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name: County Sanitation Districts of Orange County #2				Facility Owner's Name: Pima Gro Systems, Inc.			
Address: PO Box 8127				Address: 2015 Park Ave, Suite 7			
City: Fountain Valley		State: Ca		City: Redlands		State: California	
Facility Contact: Michael Moore		Phone: (714) 962-2411		Phone: (909) 798-8717		Zip: 92373	

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	10	01			97	10

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration (mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	32.9	39	Monthly	Composite	EPA 6010
Chromium	109	1200	Monthly	Composite	EPA 6010
Copper	1110	1500	Monthly	Composite	EPA 6010
Lead	62	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 7471
Molybdenum	28.7	N/A	Monthly	Composite	EPA 6010
Nickel	141	420	Monthly	Composite	EPA 6010
Selenium	11.1	36	Monthly	Composite	EPA 6010
Zinc	1460	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManiga, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
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Address: PO Box 8127	Address: 2015 Park Ave, Suite 7
City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	11	01		97	11	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration (mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	32.9	39	Monthly	Composite	EPA 6010
Chromium	109	1200	Monthly	Composite	EPA 6010
Copper	1110	1500	Monthly	Composite	EPA 6010
Lead	62	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 7471
Molybdenum	28.7	N/A	Monthly	Composite	EPA 6010
Nickel	141	420	Monthly	Composite	EPA 6010
Selenium	11.1	36	Monthly	Composite	EPA 6010
Zinc	1460	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12-9-98



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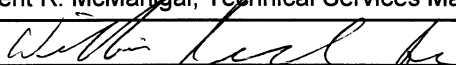
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
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City: Fountain Valley State: Ca	City: Redlands State: California
Facility Contact: Michael Moore Phone: (714) 962-2411	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	12	01		97	12	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration (mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	6.39	41	Monthly	Composite	EPA 6010
Cadmium	7	39	Monthly	Composite	EPA 6010
Chromium	109	1200	Monthly	Composite	EPA 6010
Copper	794	1500	Monthly	Composite	EPA 6010
Lead	83	300	Monthly	Composite	EPA 6010
Mercury	2.84	17	Monthly	Composite	EPA 7471
Molybdenum	29	N/A	Monthly	Composite	EPA 6010
Nickel	114	420	Monthly	Composite	EPA 6010
Selenium	5.16	36	Monthly	Composite	EPA 6010
Zinc	904	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 1-29-98

# NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-97OC-2

This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.

Facility and Biosolids Type: Wastewater Treatment Plant #2 Huntington Beach, CA -- EQ  
Class B

Monitoring Period: 01/01/97 To 01/31/97

### To Be Completed by PREPARERS OF BIOSOLIDS

#### A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	5.4	41 mg/kg	75 mg/kg
Cadmium	12.4	39 mg/kg	85 mg/kg
Copper	782.6	1500 mg/kg	4300 mg/kg
Lead	58.7	300 mg/kg	840 mg/kg
Mercury	1.22	17 mg/kg	57 mg/kg
Molybdenum	22.2	N/A**	75 mg/kg
Nickel	108.7	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	6.3	100 mg/kg	100 mg/kg
Zinc	826.1	2800 mg/kg	7500 mg/kg
Average Percent Solids	23	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

#### B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.

Class A \_\_\_\_\_ Class B X

#### C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.


Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

#### D. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature 	D. Date Signed 3/7/97

**NOTICE AND NECESSARY INFORMATION (NANI)  
CERTIFICATION # 01-970C-2**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Wastewater Treatment Plant #2 Huntington Beach, CA -- EQ  
**Class B**

**Monitoring Period:** 02/01/97 To 02/28/97

**To Be Completed by PREPARERS OF BIOSOLIDS**

A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	3.2	41 mg/kg	75 mg/kg
Cadmium	21.8	39 mg/kg	85 mg/kg
Copper	813.6	1500 mg/kg	4300 mg/kg
Lead	59.5	300 mg/kg	840 mg/kg
Mercury	2.2	17 mg/kg	57 mg/kg
Molybdenum	23.5	N/A**	75 mg/kg
Nickel	104.6	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	6.1	100 mg/kg	100 mg/kg
Zinc	907.5	2800 mg/kg	7500 mg/kg
Average Percent Solids	22	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

B. Pathogen Reduction (40 CFR 503.32) – Please indicate level achieved.

Class A \_\_\_\_\_ Class B X

C. Vector Attraction Reduction (40 CFR 503.33) – Please indicate the option performed.

Option 1 X    Option 2 \_\_\_\_\_    Option 3 \_\_\_\_\_    Option 4 \_\_\_\_\_  
Option 5 \_\_\_\_\_    Option 6 \_\_\_\_\_    Option 7 \_\_\_\_\_    Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature <u>Michael D. Moore</u>	D. Date Signed <u>5/13/97</u>

# **NOTICE AND NECESSARY INFORMATION (NANI) CERTIFICATION # 01-97OC-2**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Wastewater Treatment Plant #2 Huntington Beach, CA -- EQ  
**Class B**

**Monitoring Period:** 03/01/97 To 03/31/97

## **To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	3.1	41 mg/kg	75 mg/kg
Cadmium	18.6	39 mg/kg	85 mg/kg
Copper	804.6	1500 mg/kg	4300 mg/kg
Lead	54	300 mg/kg	840 mg/kg
Mercury	2.1	17 mg/kg	57 mg/kg
Molybdenum	23.5	N/A**	75 mg/kg
Nickel	120.7	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	6.9	100 mg/kg	100 mg/kg
Zinc	896.6	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.75	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) – Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) – Please indicate the option performed.**

Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature <i>Michael D. Moore</i>	D. Date Signed <i>4/11/97</i>

**NOTICE AND NECESSARY INFORMATION (NANI)  
CERTIFICATION # 01-970C-2**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Wastewater Treatment Plant #2 Huntington Beach, CA -- EQ Class B

**Monitoring Period:** 04/01/97 To 04/30/97

**To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	5.2	41 mg/kg	75 mg/kg
Cadmium	13.3	39 mg/kg	85 mg/kg
Copper	785.7	1500 mg/kg	4300 mg/kg
Lead	56.2	300 mg/kg	840 mg/kg
Mercury	2.3	17 mg/kg	57 mg/kg
Molybdenum	23.3	N/A**	75 mg/kg
Nickel	119.1	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	4.6	100 mg/kg	100 mg/kg
Zinc	869.1	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.0	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\* EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) – Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) – Please indicate the option performed.**


Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature 	D. Date Signed 6/4/97

**NOTICE AND NECESSARY INFORMATION (NANI)  
CERTIFICATION # 01-970C-2**

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Wastewater Treatment Plant #2 Huntington Beach, CA -- EQ  
Class B

**Monitoring Period:** 05/01/97 To 05/30/97

**To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	3.2	41 mg/kg	75 mg/kg
Cadmium	13.6	39 mg/kg	85 mg/kg
Copper	816.1	1500 mg/kg	4300 mg/kg
Lead	60.9	300 mg/kg	840 mg/kg
Mercury	2.0	17 mg/kg	57 mg/kg
Molybdenum	23.9	N/A**	75 mg/kg
Nickel	114.9	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	2.8	100 mg/kg	100 mg/kg
Zinc	896.6	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.75	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.**

Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**A. Name and Official Title:** Michael D. Moore (ECM Manager)

**B. Area Code and Telephone #:** (714) 962-2411

**C. Signature**

*Michael D. Moore*

**D. Date Signed**

7/21/97

## NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-970C-1

This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.

Facility and Biosolids Type: Reclamation Plant #1, Fountain Valley, CA -- EQ Class B

Monitoring Period: 06/01/97 To 06/30/97

## To Be Completed by PREPARERS OF BIOSOLIDS

## A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	2.6	41 mg/kg	75 mg/kg
Cadmium	23.9	39 mg/kg	85 mg/kg
Copper	965.5	1500 mg/kg	4300 mg/kg
Lead	87.4	300 mg/kg	840 mg/kg
Mercury	3.2	17 mg/kg	57 mg/kg
Molybdenum	32.2	N/A**	75 mg/kg
Nickel	170.1	420 mg/kg	420 mg/kg
Selenium <sup>†</sup>	9.2	100 mg/kg	100 mg/kg
Zinc	862.1	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.75	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>†</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

## B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.

Class A \_\_\_\_\_ Class B X

## C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.


Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

## D. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature 	D. Date Signed 8/18/97

## NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-97OC-2

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

Facility and Biosolids Type: Wastewater Treatment Plant #2 Huntington Beach, CA -- EQ Class B

Monitoring Period: 07/01/97 To 07/31/97

**To Be Completed by PREPARERS OF BIOSOLIDS**

A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	0.9	41 mg/kg	75 mg/kg
Cadmium	9.5	39 mg/kg	85 mg/kg
Copper	736.1	1500 mg/kg	4300 mg/kg
Lead	49.7	300 mg/kg	840 mg/kg
Mercury	2.1	17 mg/kg	57 mg/kg
Molybdenum	26.1	N/A**	75 mg/kg
Nickel	113.4	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	8.7	100 mg/kg	100 mg/kg
Zinc	810.1	2800 mg/kg	7500 mg/kg
Average Percent Solids	22.0	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.

Class A \_\_\_\_\_ Class B X

C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed

Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

D. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature <i>Michael D. Moore</i>	D. Date Signed <i>9/2/97</i>



## NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-97OC-2

This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.

Facility and Biosolids Type: Wastewater Treatment Plant #2 Huntington Beach, CA -- EO Class B

Monitoring Period: 08/01/97 To 08/31/97

**To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	0.7	41 mg/kg	75 mg/kg
Cadmium	8.8	39 mg/kg	85 mg/kg
Copper	750.0	1500 mg/kg	4300 mg/kg
Lead	49.2	300 mg/kg	840 mg/kg
Mercury	2.8	17 mg/kg	57 mg/kg
Molybdenum	26.0	N/A**	75 mg/kg
Nickel	108.3	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	3.1	100 mg/kg	100 mg/kg
Zinc	822.9	2800 mg/kg	7500 mg/kg
Average Percent Solids	24.0	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.**


Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Arca Code and Telephone #: (714) 962-2411
C. Signature 	D. Date Signed 1/1/3/97

## NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-97OC-1

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

Facility and Biosolids Type: Reclamation Plant #1, Fountain Valley, CA — EO Class B

Monitoring Period: 09/01/97 To 09/30/97

**To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	0.4	41 mg/kg	75 mg/kg
Cadmium	18.0	39 mg/kg	85 mg/kg
Copper	1028.0	1500 mg/kg	4300 mg/kg
Lead	85.0	300 mg/kg	840 mg/kg
Mercury	2.0	17 mg/kg	57 mg/kg
Molybdenum	25.1	N/A**	75 mg/kg
Nickel	164.5	420 mg/kg	420 mg/kg
Selenium <sup>†</sup>	5.8	100 mg/kg	100 mg/kg
Zinc	869.1	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.4	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>†</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) -- Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) -- Please indicate the option performed.**

Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)

B. Area Code and Telephone #: (714) 962-2411

C. Signature

*Michael D. Moore*

D. Date Signed

*11/18/97*

## CERTIFICATION # 01-97OC-2

This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.

Facility and Biosolids Type: Wastewater Treatment Plant #2 Huntington Beach, CA - EQ Class B

Monitoring Period: 10/01/97 To 10/31/97

**To Be Completed by PREPARERS OF BIOSOLIDS**

A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	5.6	41 mg/kg	75 mg/kg
Cadmium	8.5	39 mg/kg	85 mg/kg
Copper	750.0	1500 mg/kg	4300 mg/kg
Lead	56.5	300 mg/kg	840 mg/kg
Mercury	2.7	17 mg/kg	57 mg/kg
Molybdenum	23.9	N/A**	75 mg/kg
Nickel	130.3	420 mg/kg	420 mg/kg
Selenium <sup>†</sup>	2.7	100 mg/kg	100 mg/kg
Zinc	836.9	2800 mg/kg	7500 mg/kg
Average Percent Solids	23.3	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>†</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

B. Pathogen Reduction (40 CFR 503.32) - Please indicate level achieved.

Class A \_\_\_\_\_ Class B X

C. Vector Attraction Reduction (40 CFR 503.33) - Please indicate the option performed.

Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

D. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature <u>Michael D. Moore</u>	D. Date Signed <u>11/8/98</u>

## NOTICE AND NECESSARY INFORMATION (NANI)

## CERTIFICATION # 01-97OC-1

*This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

Facility and Biosolids Type: Reclamation Plant #1, Fountain Valley, CA – EQ Class B

Monitoring Period: 11/01/97 To 11/30/97

## To Be Completed by PREPARERS OF BIOSOLIDS

## A. Please provide pollutant concentrations below.

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	5.7	41 mg/kg	75 mg/kg
Cadmium	14.8	39 mg/kg	85 mg/kg
Copper	880.4	1500 mg/kg	4300 mg/kg
Lead	81.7	300 mg/kg	840 mg/kg
Mercury	1.8	17 mg/kg	57 mg/kg
Molybdenum	23.9	N/A**	75 mg/kg
Nickel	157.8	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	5.3	100 mg/kg	100 mg/kg
Zinc	728.3	2800 mg/kg	7500 mg/kg
Average Percent Solids	23.0	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

## B. Pathogen Reduction (40 CFR 503.32) – Please indicate level achieved.

Class A \_\_\_\_\_ Class B X

## C. Vector Attraction Reduction (40 CFR 503.33) – Please indicate the option performed.

Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

## D. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)

B. Area Code and Telephone #: (714) 962-2411

C. Signature

*Michael D. Moore*

D. Date Signed

*11/20/98*

## CERTIFICATION # 01-97OC-2

This form is to assist compliance with the bulk sewage sludge (biosolids) notification requirements (503.12(f)). Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.

Facility and Biosolids Type: Wastewater Treatment Plant #2 Huntington Beach, CA - EQ Class B

Monitoring Period: 12/01/97 To 12/31/97

**To Be Completed by PREPARERS OF BIOSOLIDS**

**A. Please provide pollutant concentrations below.**

Name	Concentration (mg/kg) - Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (Monthly Average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13)
Arsenic	7.1	41 mg/kg	75 mg/kg
Cadmium	10.0	39 mg/kg	85 mg/kg
Copper	771.4	1500 mg/kg	4300 mg/kg
Lead	52.4	300 mg/kg	840 mg/kg
Mercury	1.9	17 mg/kg	57 mg/kg
Molybdenum	24.8	N/A**	75 mg/kg
Nickel	130.5	420 mg/kg	420 mg/kg
Selenium <sup>1</sup>	3.8	100 mg/kg	100 mg/kg
Zinc	742.9	2800 mg/kg	7500 mg/kg
Average Percent Solids	21.0	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\*EPA has removed molybdenum limits from Table 2, Table 3, and Table 4.

<sup>1</sup> Federal Register amended to exclude pollutant limits for Cr and change Se concentration in Table 3 from 36 mg/kg to 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) - Please indicate level achieved.**

Class A \_\_\_\_\_ Class B X

**C. Vector Attraction Reduction (40 CFR 503.33) - Please indicate the option performed.**


Option 1 X Option 2 \_\_\_\_\_ Option 3 \_\_\_\_\_ Option 4 \_\_\_\_\_

Option 5 \_\_\_\_\_ Option 6 \_\_\_\_\_ Option 7 \_\_\_\_\_ Option 8 \_\_\_\_\_

No Vector attraction reductions were performed \_\_\_\_\_

**D. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or these persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name and Official Title: Michael D. Moore (ECM Manager)	B. Area Code and Telephone #: (714) 962-2411
C. Signature 	D. Date Signed 2/9/98

# CITY OF TEHACHAPI

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 28, 1998

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1997 ANNUAL

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
09/07/97	TEHAC	158.9	91.00	144.6	JO13
-----					
TOTALS		158.9		144.6	

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

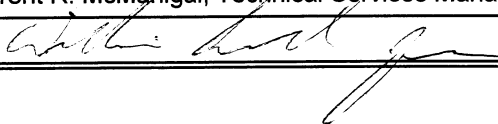
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: City of Tehachapi WWTP	Facility Owner's Name: Pima Gro Systems, Inc.
Address: 115 South Robinson Street	Address: 2015 Park Ave, Suite 7
City: Tehachapi State: Ca	City: Redlands State: California
Facility Contact: Ardith Lewis Phone: (805) 822-2200	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	12	01		97	12	31

NPDES PERMIT NUMBER
Not Applicable

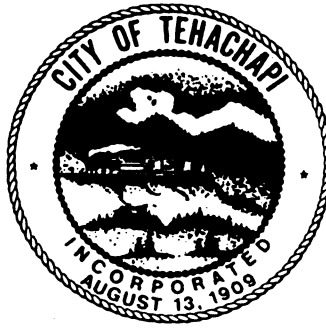
SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	5	41	Monthly	Composite	EPA 6010
Cadmium	0	39	Monthly	Composite	EPA 6010
Chromium	16	1200	Monthly	Composite	EPA 6010
Copper	42	1500	Monthly	Composite	EPA 6010
Lead	11	300	Monthly	Composite	EPA 6010
Mercury	.13	17	Monthly	Composite	EPA 7471
Molybdenum	0	N/A	Monthly	Composite	EPA 6010
Nickel	8	420	Monthly	Composite	EPA 6010
Selenium	3	36	Monthly	Composite	EPA 6010
Zinc	84	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 1-29-92



DARRELL V. DAUGHERTY  
City Manager  
THOMAS F. SCHROETER  
City Attorney  
REX A. MASON  
City Engineer  
DENNIS WAHLSTROM  
Public Works Superintendent  
A. A. ANTHONY  
Fire Chief  
RONALD D. CUNNINGHAM  
Finance Officer  
DAVID A. JAMES  
Econ. Dev. Dir./City Planner



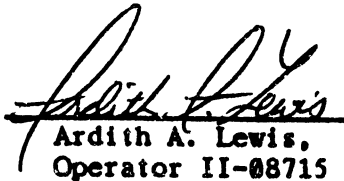
JOHN H E. ROMBOUTS  
Mayor  
PHILIP A. SMITH  
Mayor Pro-Tempore  
MARIANA B. TEEL  
Council Member  
JAMES D. FRANKLIN  
Council Member  
TONY MONTANA  
Council Member  
JEANETTE M. KELLEY  
City Clerk  
ROSE B. FRENG  
City Treasurer

## CITY OF TEHACHAPI

Certification statement required for recordkeeping:

PREPARER OF BIOSOLIDS PLACED ON A SURFACE DISPOSAL SITE

"I certify, under penalty of law, that the pathogen requirements in 503.32(b)(3) have been met. The Vector attraction reduction requirements in 503.33(a)(4), (b)(11) will be met when the biosolids are disposed. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen and vector requirements have or will be met. I am aware that there are significant penalties for false certification, including the possibility of fine and imprisonment."

  
Ardith A. Lewis,  
Operator II-08715

2-10-97  
DATE

*The pathogen requirement met was 503.32(b)(3)  
appendix B #2 - Air Drying.*

*This statement covers Biosolids sampled 9/30/96  
lab # 5799 and #4120.*

# RANCHO CALIFORNIA WATER DISTRICT

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 21, 1998

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1997 ANNUAL

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
01/04/98	RCWD	22.2	30.27	6.7	HURD1
01/12/97	RCWD	18.9	14.72	2.8	BG17
01/26/97	RCWD	21.4	14.72	3.2	BG20
02/09/97	RCWD	22.5	12.62	2.8	BG7
02/16/97	RCWD	22.0	12.62	2.8	BG7
02/23/97	RCWD	20.5	12.62	2.6	BG18
03/02/97	RCWD	46.1	12.62	5.8	BG4
03/09/97	RCWD	14.0	14.12	2.0	BG5
03/16/97	RCWD	18.8	14.12	2.7	BG6
03/30/97	RCWD	23.8	14.12	3.4	PKA1
04/06/97	RCWD	22.4	12.88	2.9	PKA1
04/27/97	RCWD	43.0	12.88	5.5	RJG1
05/04/97	RCWD	21.1	12.88	2.7	RJG1
05/11/97	RCWD	43.2	14.65	6.3	RJG1
06/08/97	RCWD	22.6	16.02	3.6	AR4
06/08/97	RCWD	63.4	16.02	10.2	RJG3
06/08/97	RCWD	18.7	16.02	3.0	RJW1
07/06/97	RCWD	21.8	16.02	3.5	AR4
07/13/97	RCWD	20.7	16.02	3.3	BG1
07/27/97	RCWD	17.1	16.02	2.7	BG1
08/03/97	RCWD	21.2	16.02	3.4	BG6
08/10/97	RCWD	23.7	16.02	3.8	BG2
08/17/97	RCWD	22.7	16.02	3.6	AR5
08/31/97	RCWD	20.8	16.02	3.3	RRS2
09/14/97	RCWD	21.1	11.13	2.3	RDR2
09/21/97	RCWD	60.6	11.13	6.7	RDR1
09/21/97	RCWD	25.5	11.13	2.8	RDR2
09/28/97	RCWD	20.2	11.13	2.2	RDR1
10/05/97	RCWD	41.8	30.27	12.7	RDR1
10/12/97	RCWD	21.8	30.27	6.6	RPR1
10/26/97	RCWD	112.9	30.27	34.2	RAG2
11/02/97	RCWD	64.8	30.27	19.6	RAG2

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 21, 1998

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1997 ANNUAL

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
11/02/97	RCWD	21.7	30.27	6.6	RAG3
11/16/97	RCWD	22.7	30.27	6.9	RAG3
11/23/97	RCWD	45.6	30.27	13.8	RJB1
12/21/97	RCWD	18.3	30.27	5.5	BG2
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TOTALS		1089.6		212.5	

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

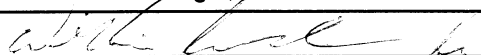
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Rancho California Water District	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 174	Address: 2015 Park Ave, Suite 7
City: Temecula State: Ca	City: Redlands State: California
Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	01	01		97	01	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	ND	39	Monthly	Composite	EPA 6010
Chromium	20.4	1200	Monthly	Composite	EPA 6010
Copper	482	1500	Monthly	Composite	EPA 6010
Lead	16.2	300	Monthly	Composite	EPA 6010
Mercury	2.44	17	Monthly	Composite	EPA 7471
Molybdenum	7.5	N/A	Monthly	Composite	EPA 6010
Nickel	16.2	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	552	2800	Monthly	Composite	EPA 6010

CERTIFICATION: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 1-29-98

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

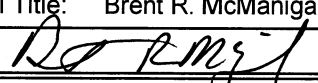
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Rancho California Water District	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 174	Address: 2015 Park Ave, Suite 7
City: Temecula State: Ca	City: Redlands State: California
Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	02	01		97	02	28

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	1.5	39	Monthly	Composite	EPA 6010
Chromium	18.2	1200	Monthly	Composite	EPA 6010
Copper	444	1500	Monthly	Composite	EPA 6010
Lead	13.3	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 7471
Molybdenum	6.8	N/A	Monthly	Composite	EPA 6010
Nickel	14.3	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	490	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Rancho California Water District	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 174	Address: 2015 Park Ave, Suite 7
City: Temecula State: Ca	City: Redlands State: California
Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	03	01		97	03	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	ND	39	Monthly	Composite	EPA 6010
Chromium	17	1200	Monthly	Composite	EPA 6010
Copper	477	1500	Monthly	Composite	EPA 6010
Lead	11.3	300	Monthly	Composite	EPA 6010
Mercury	2.58	17	Monthly	Composite	EPA 7471
Molybdenum	6.1	N/A	Monthly	Composite	EPA 6010
Nickel	12.7	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	509	2800	Monthly	Composite	EPA 6010

CERTIFICATION: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigan, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

NAME AND ADDRESS OF FACILITY				NAME AND ADDRESS OF FACILITY OWNER			
Facility Name:     Rancho California Water District				Facility Owner's Name:     Pima Gro Systems, Inc.			
Address:     PO Box 174				Address:     2015 Park Ave, Suite 7			
City:     Temecula		State:     Ca		City:     Redlands		State:     California	
Facility Contact:     Bob Manry		Phone:     (714) 676-4101		Phone:     (909) 798-8717		Zip:     92373	

MONITORING PERIOD						
Year	Month	Day		Year	Month	Day
97	04	01	TO	97	04	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	2	39	Monthly	Composite	EPA 6010
Chromium	58	1200	Monthly	Composite	EPA 6010
Copper	424	1500	Monthly	Composite	EPA 6010
Lead	32	300	Monthly	Composite	EPA 6010
Mercury	1.48	17	Monthly	Composite	EPA 6010
Molybdenum	11	N/A	Monthly	Composite	EPA 7471
Nickel	18	420	Monthly	Composite	EPA 6010
Selenium	9.4	36	Monthly	Composite	EPA 6010
Zinc	451	2800	Monthly	Composite	EPA 6010

**CERTIFICATION:** I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.

Name and Official Title:     Brent R. McManigal, Technical Services Manager	Phone Number:     (909) 798-8717
Signature:	Date Signed:     12/26/97



## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

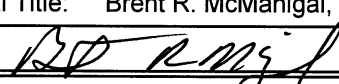
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Rancho California Water District	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 174	Address: 2015 Park Ave, Suite 7
City: Temecula State: Ca	City: Redlands State: California
Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	05	01		97	05	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	ND	39	Monthly	Composite	EPA 6010
Chromium	16.1	1200	Monthly	Composite	EPA 6010
Copper	443	1500	Monthly	Composite	EPA 6010
Lead	12.8	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 7471
Molybdenum	6.6	N/A	Monthly	Composite	EPA 6010
Nickel	13.3	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	476	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

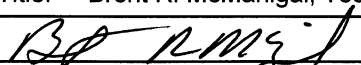
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Rancho California Water District Address: PO Box 174 City: Temecula State: Ca Facility Contact: Bob Manry Phone: (714) 676-4101	Facility Owner's Name: Pima Gro Systems, Inc. Address: 2015 Park Ave, Suite 7 City: Redlands State: California Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	06	01		97	06	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	3.8	39	Monthly	Composite	EPA 6010
Chromium	20.4	1200	Monthly	Composite	EPA 6010
Copper	438	1500	Monthly	Composite	EPA 6010
Lead	14	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 7471
Molybdenum	9.2	N/A	Monthly	Composite	EPA 6010
Nickel	17.9	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	520	2800	Monthly	Composite	EPA 6010

CERTIFICATION: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Rancho California Water District	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 174	Address: 2015 Park Ave, Suite 7
City: Temecula State: Ca	City: Redlands State: California
Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	07	01		97	07	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	3.8	39	Monthly	Composite	EPA 6010
Chromium	20.4	1200	Monthly	Composite	EPA 6010
Copper	438	1500	Monthly	Composite	EPA 6010
Lead	14	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 7471
Molybdenum	9.2	N/A	Monthly	Composite	EPA 6010
Nickel	17.9	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	520	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 1-29-98

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

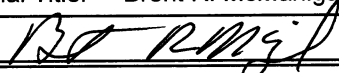
NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Rancho California Water District	Facility Owner's Name: Pima Gro Systems, Inc.
Address: PO Box 174	Address: 2015 Park Ave, Suite 7
City: Temecula State: Ca	City: Redlands State: California
Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	08	01		97	08	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	ND	39	Monthly	Composite	EPA 6010
Chromium	45	1200	Monthly	Composite	EPA 6010
Copper	458	1500	Monthly	Composite	EPA 6010
Lead	32	300	Monthly	Composite	EPA 6010
Mercury	1.45	17	Monthly	Composite	EPA 7471
Molybdenum	16	N/A	Monthly	Composite	EPA 6010
Nickel	24	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	500	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

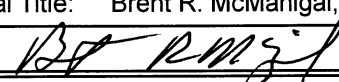
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Facility Name: Rancho California Water District	Facility Owner's Name: Pima Gro Systems, Inc.
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City: Temecula State: Ca	City: Redlands State: California
Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	09	01		97	09	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	ND	39	Monthly	Composite	EPA 6010
Chromium	24.8	1200	Monthly	Composite	EPA 6010
Copper	550	1500	Monthly	Composite	EPA 6010
Lead	8.2	300	Monthly	Composite	EPA 6010
Mercury	1.06	17	Monthly	Composite	EPA 7471
Molybdenum	9.5	N/A	Monthly	Composite	EPA 6010
Nickel	22.2	420	Monthly	Composite	EPA 6010
Selenium	9.8	36	Monthly	Composite	EPA 6010
Zinc	481	2800	Monthly	Composite	EPA 6010

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Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 12/26/97

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT


NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF FACILITY OWNER
Facility Name: Rancho California Water District	Facility Owner's Name: Pima Gro Systems, Inc.
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Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	10	01		97	10	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	3.7	39	Monthly	Composite	EPA 6010
Chromium	13.6	1200	Monthly	Composite	EPA 6010
Copper	239	1500	Monthly	Composite	EPA 6010
Lead	9.3	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 7471
Molybdenum	3.6	N/A	Monthly	Composite	EPA 6010
Nickel	12.5	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	242	2800	Monthly	Composite	EPA 6010

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## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

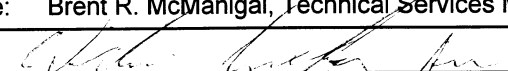
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City: Temecula State: Ca	City: Redlands State: California
Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	11	01		97	11	30

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	ND	41	Monthly	Composite	EPA 6010
Cadmium	3.7	39	Monthly	Composite	EPA 6010
Chromium	13.6	1200	Monthly	Composite	EPA 6010
Copper	239	1500	Monthly	Composite	EPA 6010
Lead	9.3	300	Monthly	Composite	EPA 6010
Mercury	ND	17	Monthly	Composite	EPA 7471
Molybdenum	3.6	N/A	Monthly	Composite	EPA 6010
Nickel	12.5	420	Monthly	Composite	EPA 6010
Selenium	ND	36	Monthly	Composite	EPA 6010
Zinc	242	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
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Signature: 	Date Signed: 1-29-98

## 40 CFR 503 LAND APPLICATION POLLUTANT REPORT

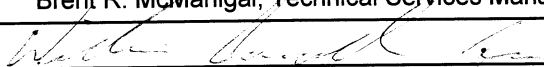
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Facility Contact: Bob Manry Phone: (714) 676-4101	Phone: (909) 798-8717 Zip: 92373

MONITORING PERIOD						
Year	Month	Day	TO	Year	Month	Day
97	12	01		97	12	31

NPDES PERMIT NUMBER
Not Applicable

SLUDGE PERMIT NUMBER
Not Applicable at this time

Source:					
Metal	Metal Concentration( mg/Kg Dry Weight basis)		Frequency of Analysis	Sample Type (Grab or Composite)	Analytical Method
	Concentration	Regulatory Limit (Table 3)			
Arsenic	2.44	41	Monthly	Composite	EPA 6010
Cadmium	ND	39	Monthly	Composite	EPA 6010
Chromium	39	1200	Monthly	Composite	EPA 6010
Copper	397	1500	Monthly	Composite	EPA 6010
Lead	30	300	Monthly	Composite	EPA 6010
Mercury	1.33	17	Monthly	Composite	EPA 7471
Molybdenum	15	N/A	Monthly	Composite	EPA 6010
Nickel	24	420	Monthly	Composite	EPA 6010
Selenium	6.95	36	Monthly	Composite	EPA 6010
Zinc	393	2800	Monthly	Composite	EPA 6010

<b>CERTIFICATION:</b> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted, it is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.	
Name and Official Title: Brent R. McManigal, Technical Services Manager	Phone Number: (909) 798-8717
Signature: 	Date Signed: 1-29-98





**Rancho  
Water**

February 17, 1998

**Board of Directors:**

**Carole F. Kn**  
President

**Ralph H. Dally**  
Mr. Vice President

**Lisa D. Herman**

**Doug Kulberg**

**Scott A. McIntyre**

**Jeffrey L. Minkler**

**George M. Woods**

**Ms. Kate Freude**  
**Pima Gro Systems, Inc.**  
**P.O. Box 7547**  
**Redlands, CA 92375**

**SUBJECT: Certification of Biosolids for Direct Land Application**

**Dear Ms. Freude:**

**Officers:**

**John F. Hennigar**  
General Manager

**Phillip L. Forbes**  
Director of Finance  
& Treasurer

**E. P. 'Bob' Lemons**  
Director of Engineering

**Kenneth C. Dally**  
Director of Operations  
& Maintenance

**Perry R. Louck**  
Controller

**Linda M. Fregoso**  
District Secretary/Administrative  
Services Manager

**C. Michael Cowett**  
Reed, Root & Krieger LLP  
General Counsel

Rancho California Water District hereby certifies that the sewage sludge produced from the Santa Rosa Water Reclamation Facility is the product of an aerobic digestion process with a mean cell residence time between 40 and 60 days at a minimum temperature of 20 degrees Celsius, pursuant to the requirements of 40 CFR 503.32 (b)(3) Class B-Alternative 2 and Appendix B to Part 503.

Please contact me if you have any questions or require additional information.

Sincerely,

**RANCHO CALIFORNIA WATER DISTRICT**

**Craig Elitharp, P.E.**  
**Utility Operations Manager**

98CE:edward:ops:lr.MS.Freude

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 29, 1998

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1997 ANNUAL

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
01/05/97	SAB	104.4	18.69	19.5	BG13
01/12/97	SAB	68.7	18.69	12.8	BG13
01/12/97	SAB	50.0	18.69	9.3	BG17
01/12/97	SAB	26.5	18.69	5.0	BG24
01/19/97	SAB	174.4	18.69	32.6	BG20
01/26/97	SAB	136.1	18.69	25.4	BG20
02/02/97	SAB	152.0	18.69	28.4	BG22
02/09/97	SAB	52.3	17.99	9.4	BG24
02/09/97	SAB	153.2	17.99	27.6	BG7
02/16/97	SAB	153.8	17.99	27.7	BG18
02/23/97	SAB	74.7	17.99	13.4	BG4
02/23/97	SAB	67.6	17.99	12.2	BG4
03/02/97	SAB	67.1	17.99	12.1	BG5
03/02/97	SAB	23.2	17.99	4.2	BG5
03/09/97	SAB	170.7	19.13	32.7	BG5
03/16/97	SAB	98.8	19.13	18.9	BG6
03/16/97	SAB	47.8	19.13	9.1	BG6
03/23/97	SAB	181.6	19.13	34.7	BG2
03/23/97	SAB	45.2	19.13	8.6	BG6
03/30/97	SAB	98.4	19.13	18.8	BG18
03/30/97	SAB	75.0	19.13	14.3	BG2
04/06/97	SAB	142.7	19.13	27.3	AR1C
04/06/97	SAB	98.3	19.13	18.8	BG18
04/13/97	SAB	135.6	19.13	25.9	AR1C
04/20/97	SAB	132.0	19.13	25.3	AR1C
04/27/97	SAB	68.1	19.13	13.0	AR1C
04/27/97	SAB	68.5	19.13	13.1	AR4
05/04/97	SAB	119.4	19.13	22.8	AR4
05/11/97	SAB	205.2	17.64	36.2	AR4
05/11/97	SAB	144.8	17.64	25.5	BG10N
05/11/97	SAB	232.1	17.64	40.9	HM7
06/08/97	SAB	106.7	34.80	37.1	BG10N
06/15/97	SAB	202.6	34.80	70.5	BG19

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 29, 1998

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1997 ANNUAL

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
06/22/97	SAB	123.0	34.80	42.8	AR4
06/29/97	SAB	189.6	34.80	66.0	AR4
07/06/97	SAB	106.6	22.46	23.9	AR4
07/13/97	SAB	164.0	22.46	36.8	BG1
07/20/97	SAB	107.5	22.46	24.1	BG1
07/27/97	SAB	82.5	22.46	18.5	BG1
07/27/97	SAB	81.5	22.46	18.3	BG6
08/03/97	SAB	28.5	22.46	6.4	BG2
08/03/97	SAB	84.6	22.46	19.0	BG6
08/10/97	SAB	54.2	19.17	10.4	AR5
08/10/97	SAB	140.2	19.17	26.9	BG2
08/17/97	SAB	133.0	19.17	25.5	AR5
08/24/97	SAB	167.1	19.17	32.0	AR5
08/31/97	SAB	82.1	19.17	15.7	AR5
08/31/97	SAB	107.5	19.17	20.6	JO13
09/07/97	SAB	147.9	16.93	25.0	JO13
09/14/97	SAB	190.4	16.93	32.2	JO13
-----					
TOTALS		5667.7		1177.2	

PIMA GRO SYSTEMS, INC.  
P.O. BOX 7547  
REDLANDS, CA 92375

January 29, 1998

PIMA GRO SYSTEMS, INC.  
AGRICULTURAL UTILIZATION  
APPLICATION REPORT  
CALIFORNIA WQCB REGION  
1997 ANNUAL

WEEK ENDING	PRODUCER	WET TONS	% TOTAL SOLIDS	DRY TONS	SITE
01/12/97	SSAB	39.9	18.69	7.5	BG17
01/19/97	SSAB	21.1	18.69	3.9	BG20
01/19/97	SSAB	38.1	18.69	7.1	BG23
01/26/97	SSAB	21.3	18.69	4.0	BG20
01/26/97	SSAB	20.9	18.69	3.9	BG23
02/02/97	SSAB	20.7	18.69	3.9	BG22
02/02/97	SSAB	21.2	18.69	4.0	BG23
02/16/97	SSAB	43.2	17.99	7.8	BG7
02/23/97	SSAB	39.5	17.99	7.1	BG18
03/02/97	SSAB	39.7	17.99	7.1	BG4
03/09/97	SSAB	60.8	19.13	11.6	BG5
03/16/97	SSAB	40.0	19.13	7.7	BG6
03/30/97	SSAB	32.8	19.13	6.3	BG18
04/06/97	SSAB	54.0	19.13	10.3	AR1C
04/13/97	SSAB	32.8	19.13	6.3	AR1C
04/20/97	SSAB	35.5	19.13	6.8	AR1C
04/27/97	SSAB	20.4	19.13	3.9	AR4
05/04/97	SSAB	34.2	19.13	6.5	AR4
05/11/97	SSAB	35.7	17.64	6.3	AR4
05/11/97	SSAB	37.5	17.64	6.6	BG10N
05/11/97	SSAB	73.5	17.64	13.0	HM7
06/08/97	SSAB	37.2	34.80	12.9	BG10N
06/22/97	SSAB	54.7	34.80	19.0	AR4
07/06/97	SSAB	55.6	22.46	12.5	AR4
07/13/97	SSAB	36.7	22.46	8.2	BG1
07/20/97	SSAB	38.1	22.46	8.6	BG1
07/27/97	SSAB	37.0	22.46	8.3	BG6
08/10/97	SSAB	39.1	19.17	7.5	BG2
08/17/97	SSAB	36.5	19.17	7.0	AR5
08/24/97	SSAB	34.8	19.17	6.7	AR5
08/31/97	SSAB	40.9	19.17	7.8	JO13
09/07/97	SSAB	19.9	16.93	3.4	JO13
09/14/97	SSAB	18.8	16.93	3.2	JO13
TOTALS		1212.1		246.7	